

**Figure 1**

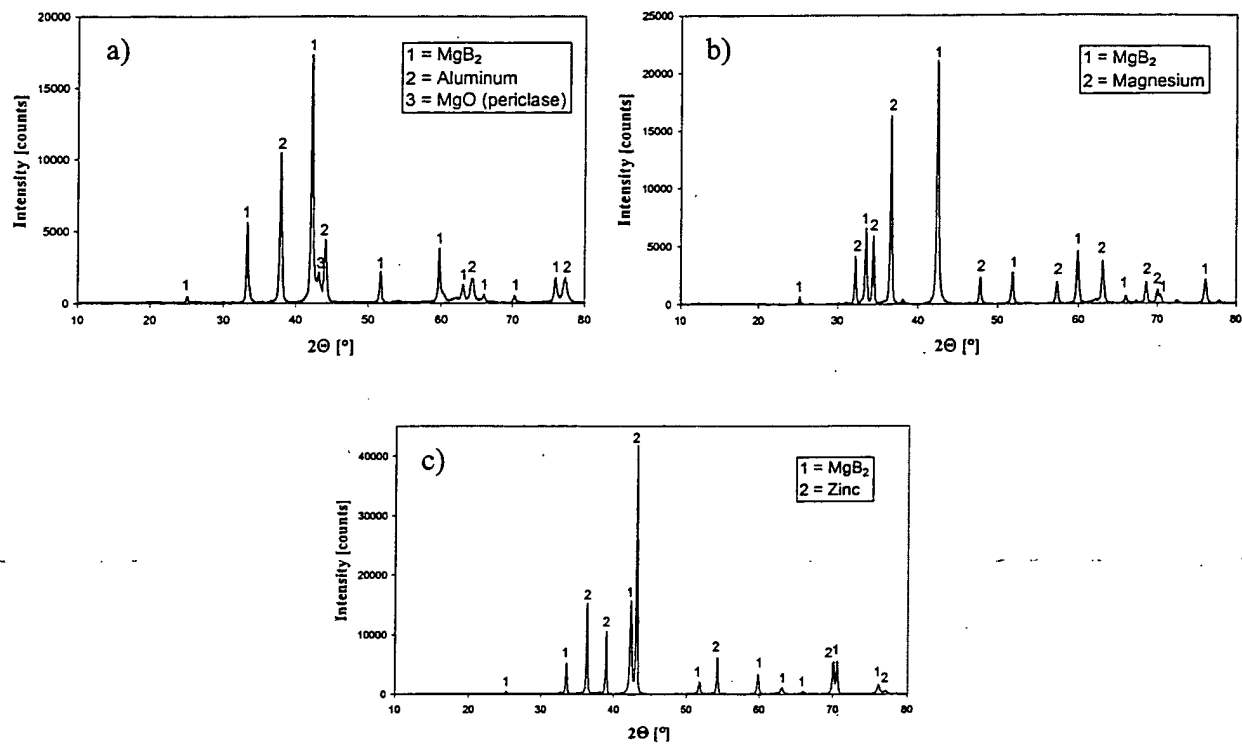


Figure 2

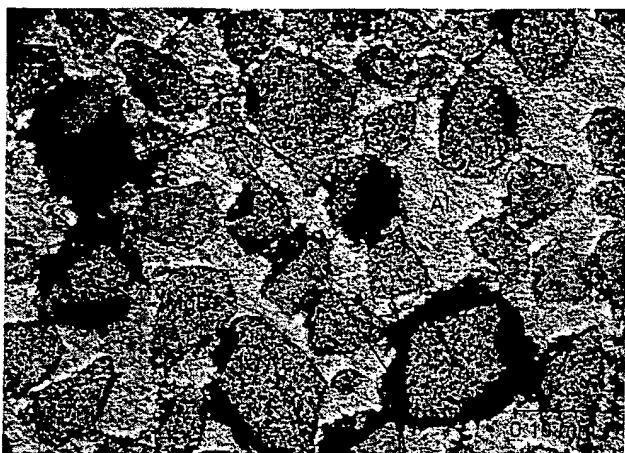


Figure 3



Figure 6

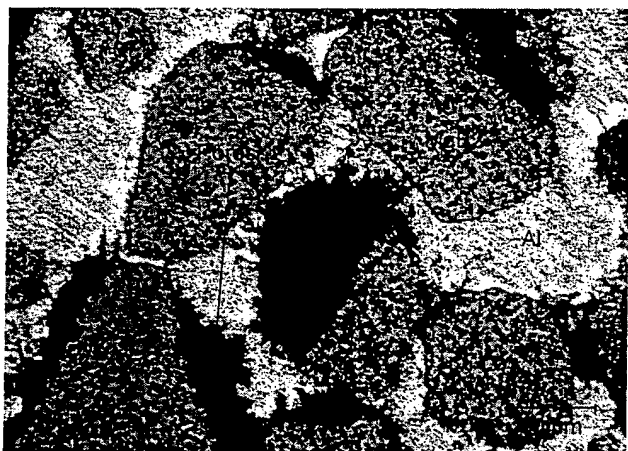


Figure 4

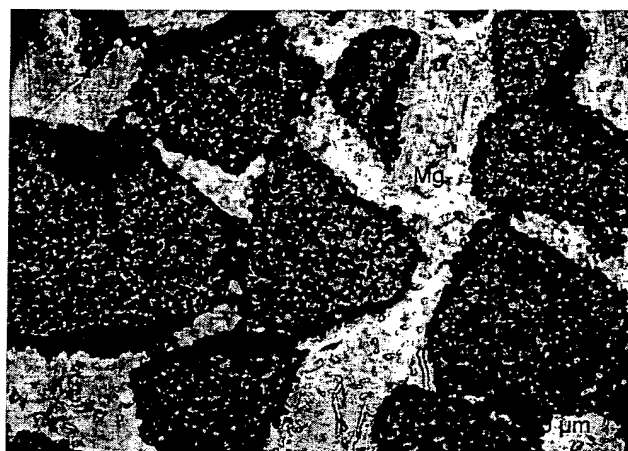


Figure 7

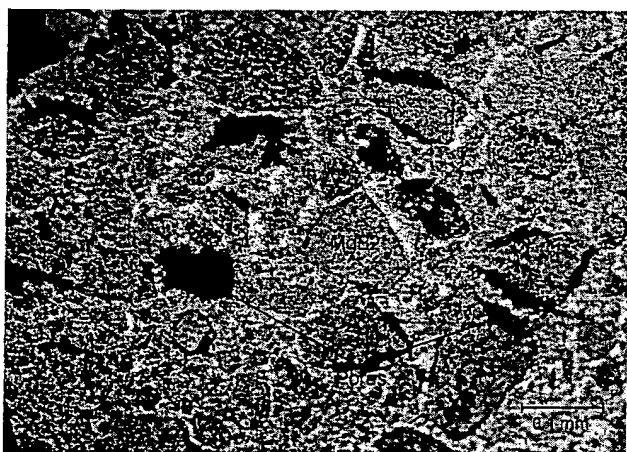
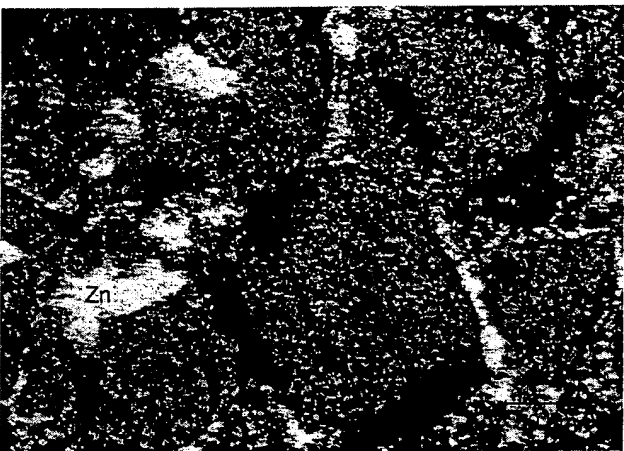


Figure 5



**Figure 8**



**Figure 9**



**Figure 10**

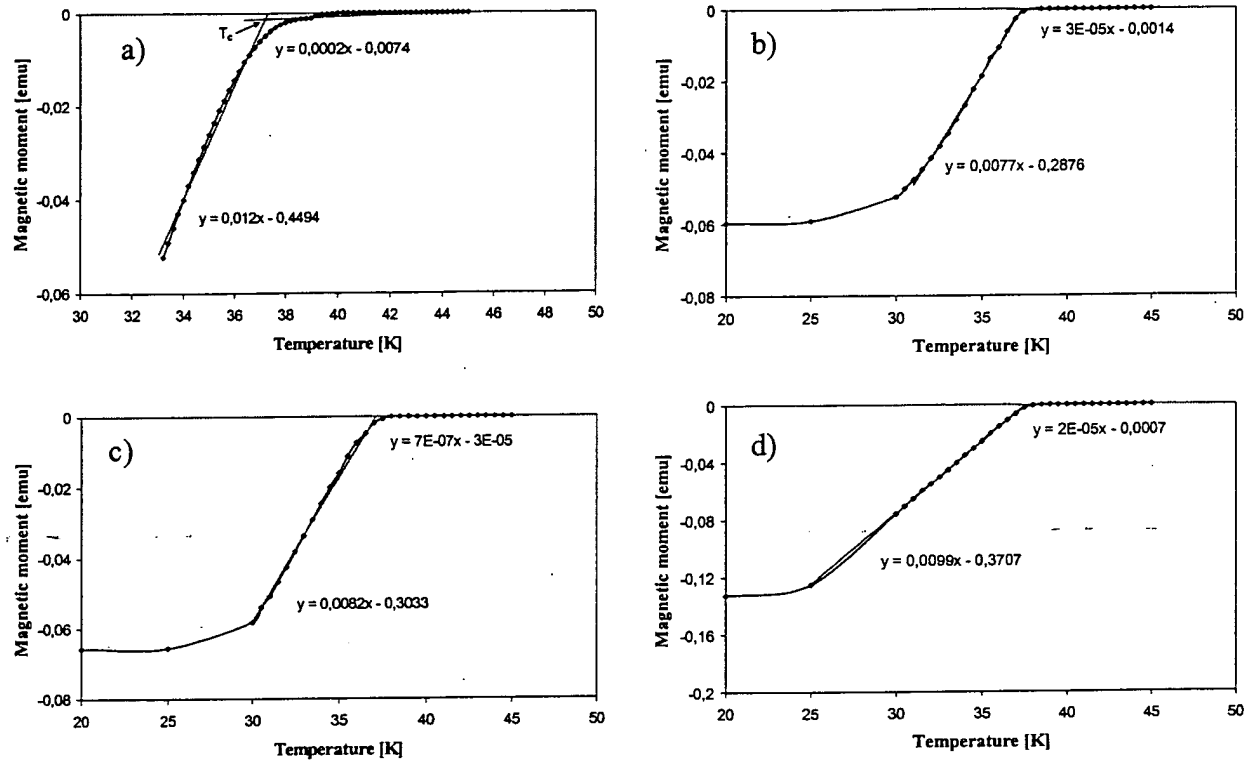


Figure 11

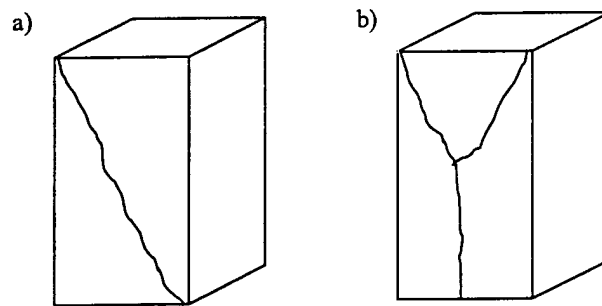
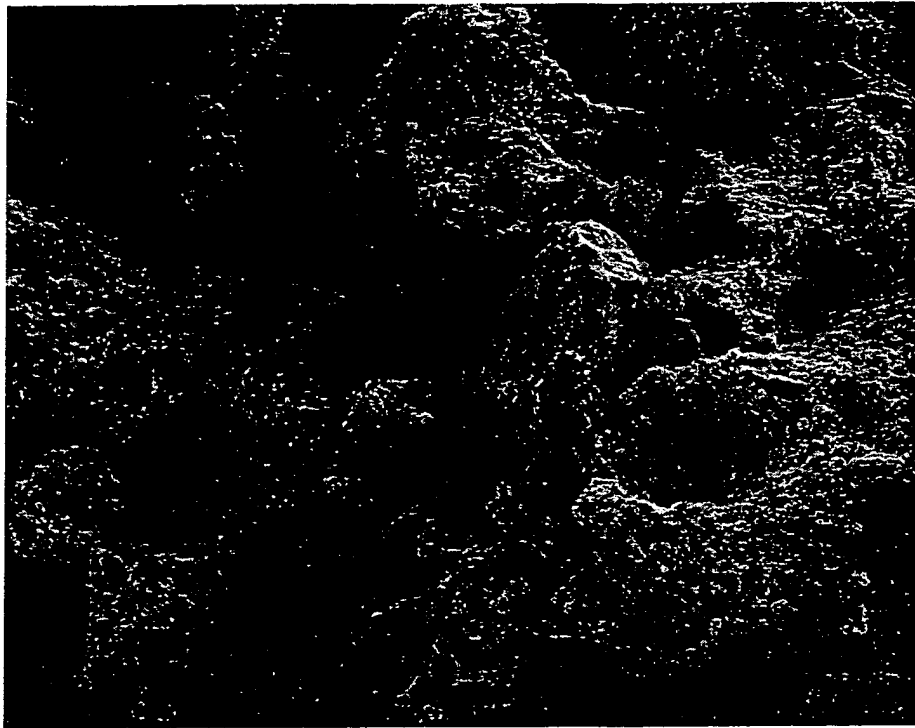


Figure 12



**Figure 13**

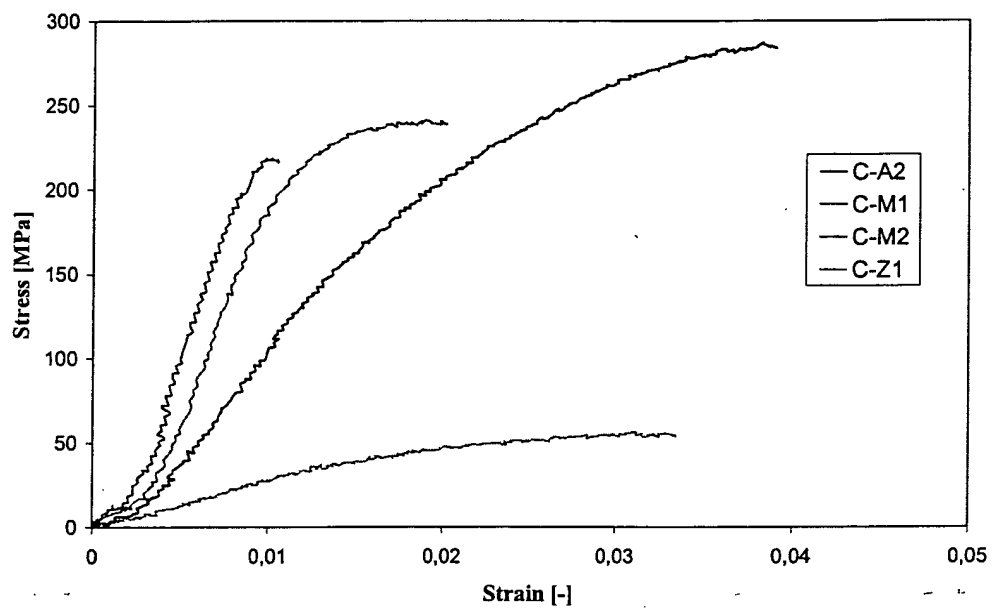


Figure 14

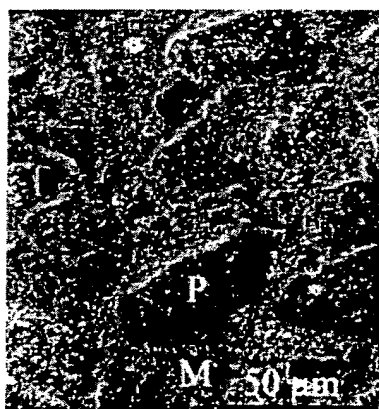


Figure 15

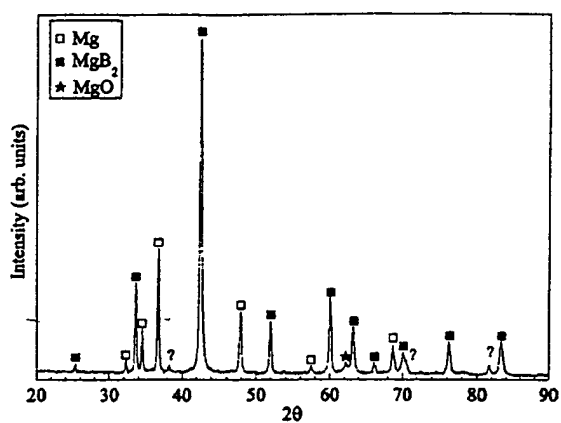


Figure 16

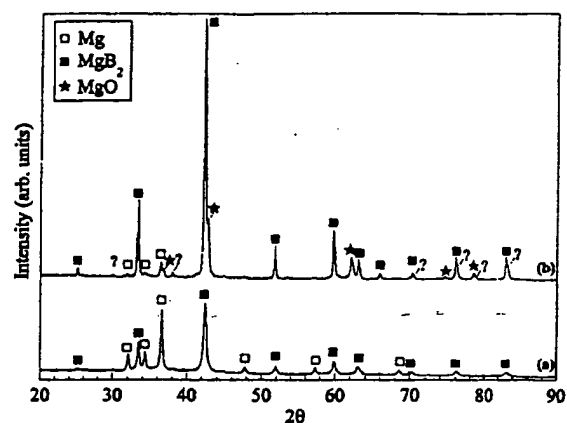


Figure 18

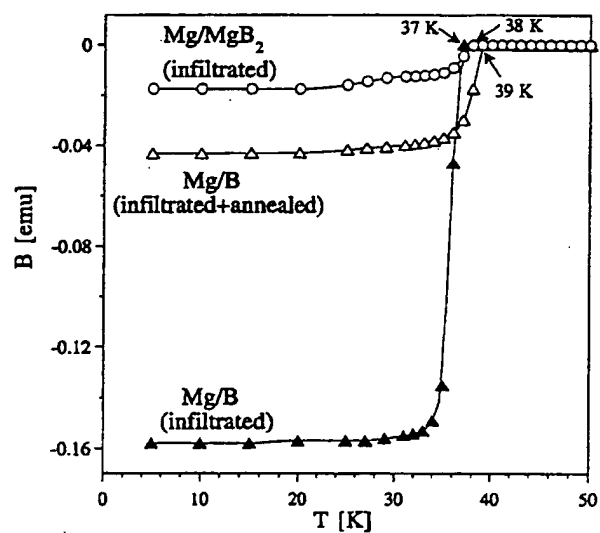


Figure 17



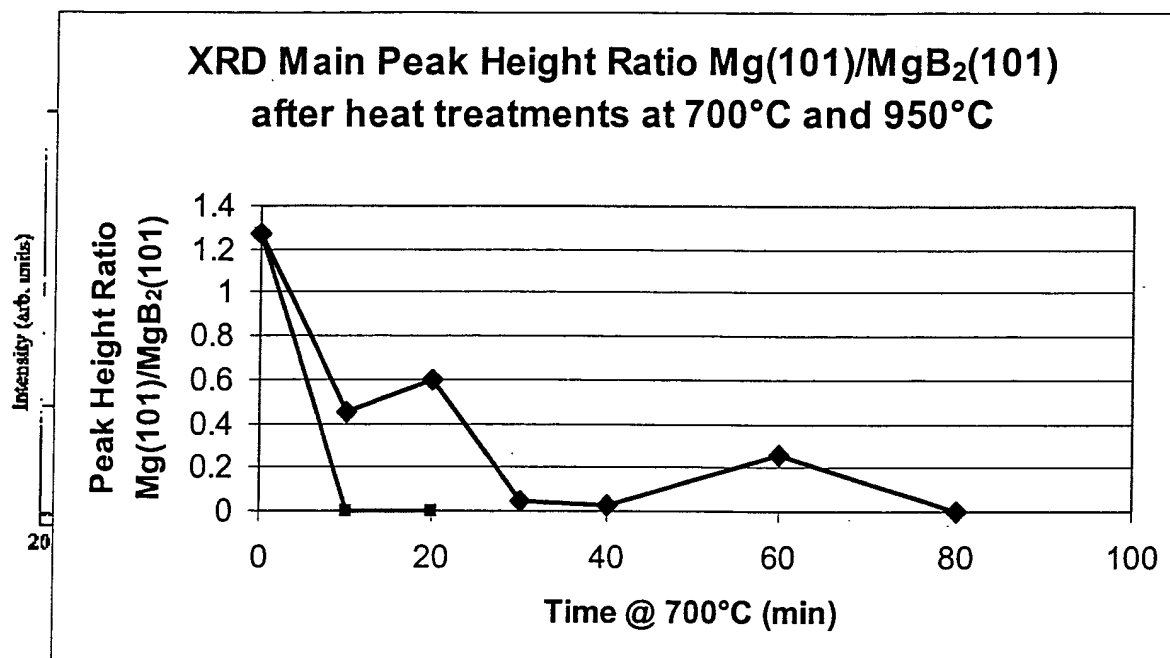


Figure 19

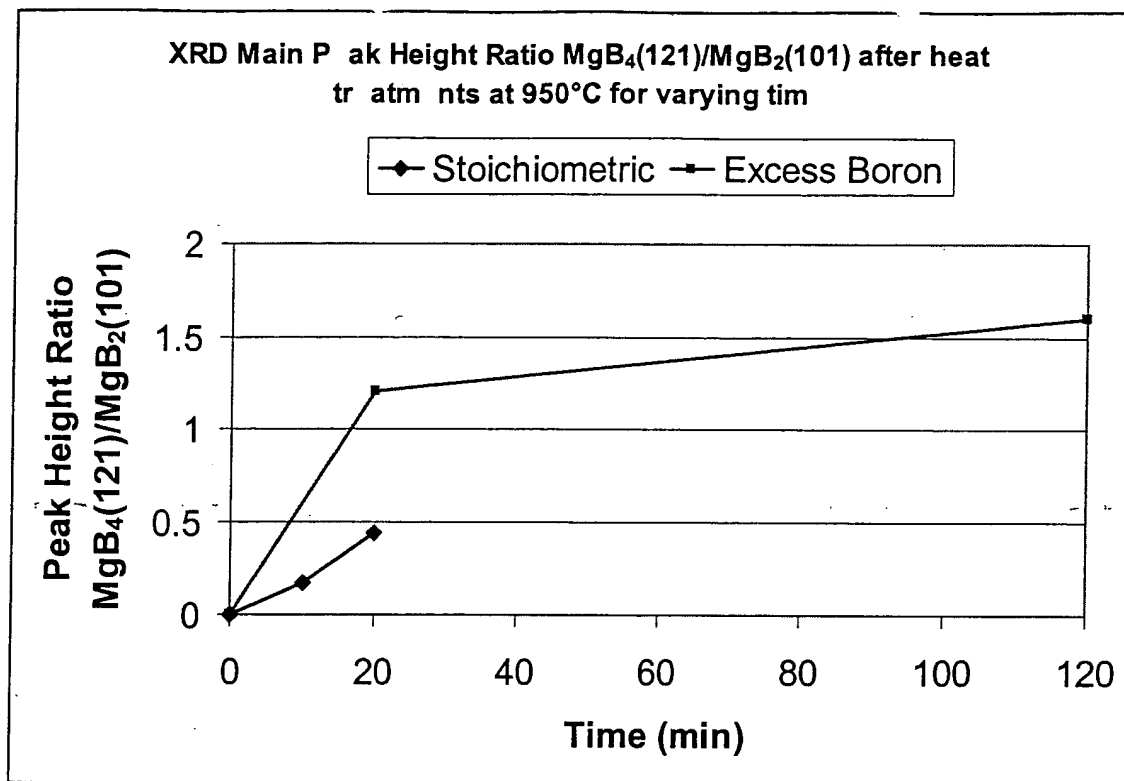


Figure 20

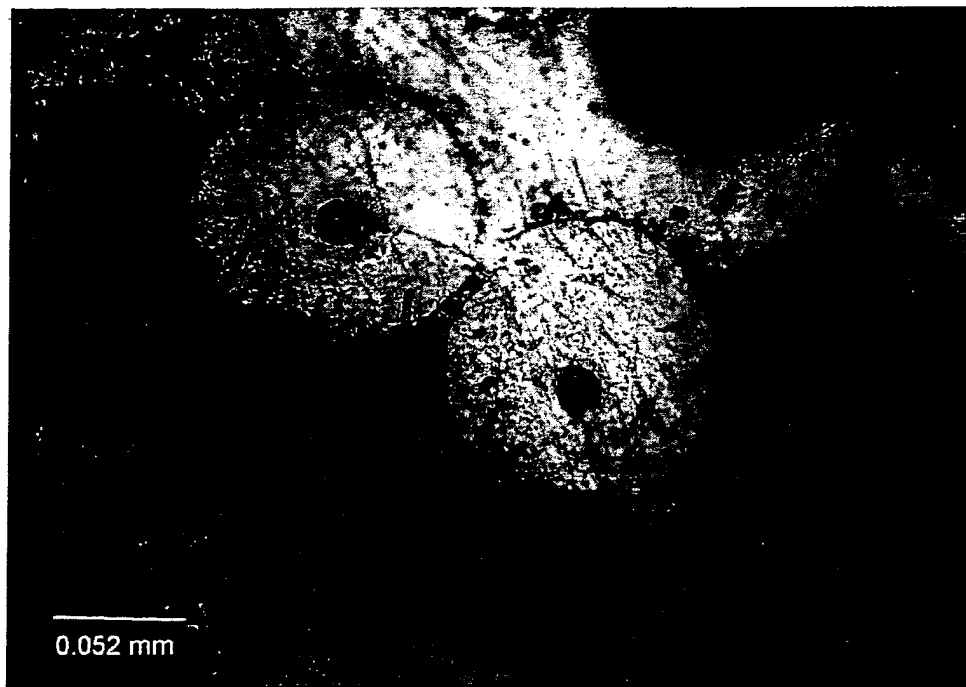


Figure 21

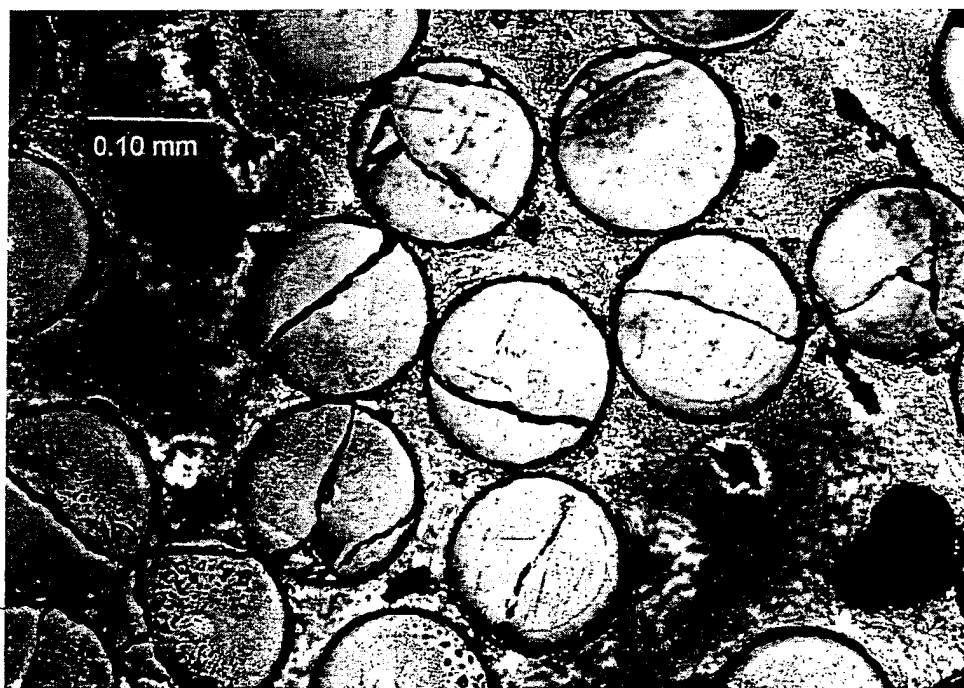


Figure 22

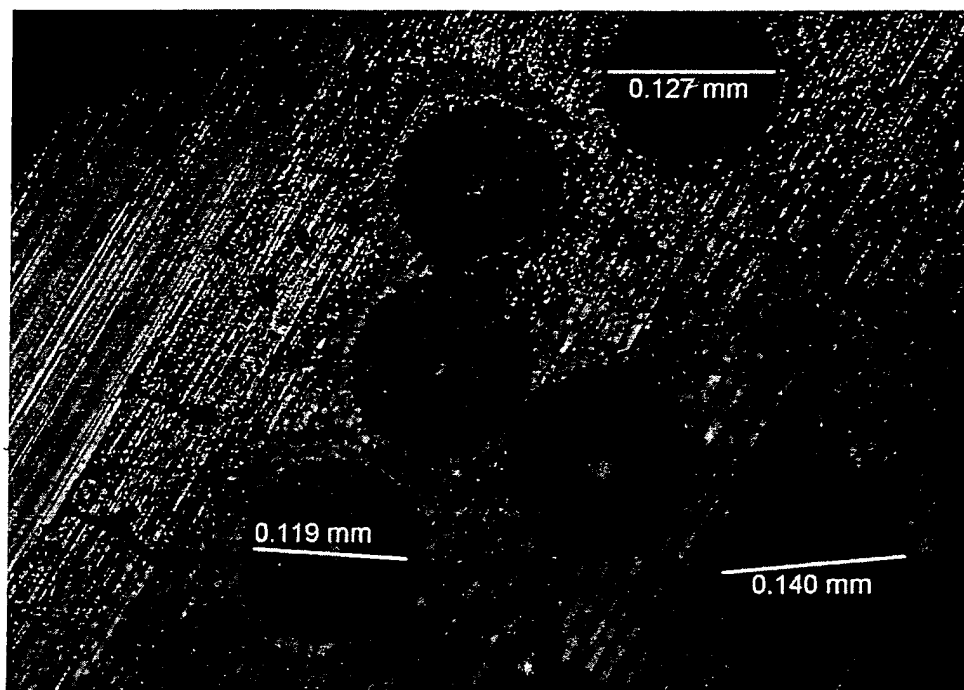


Figure 23

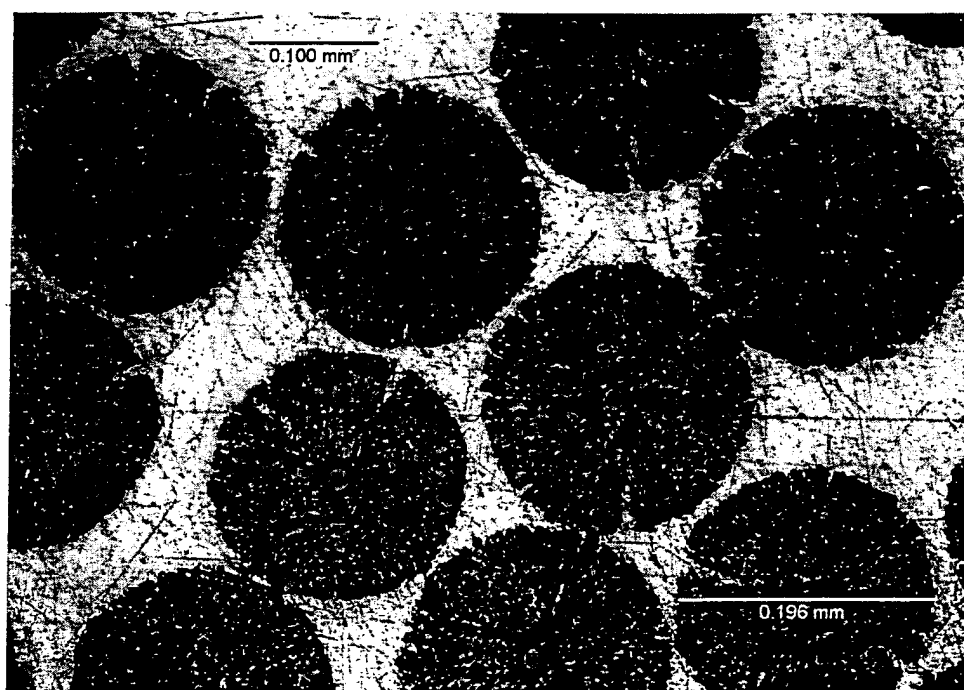


Figure 24



Figure 25

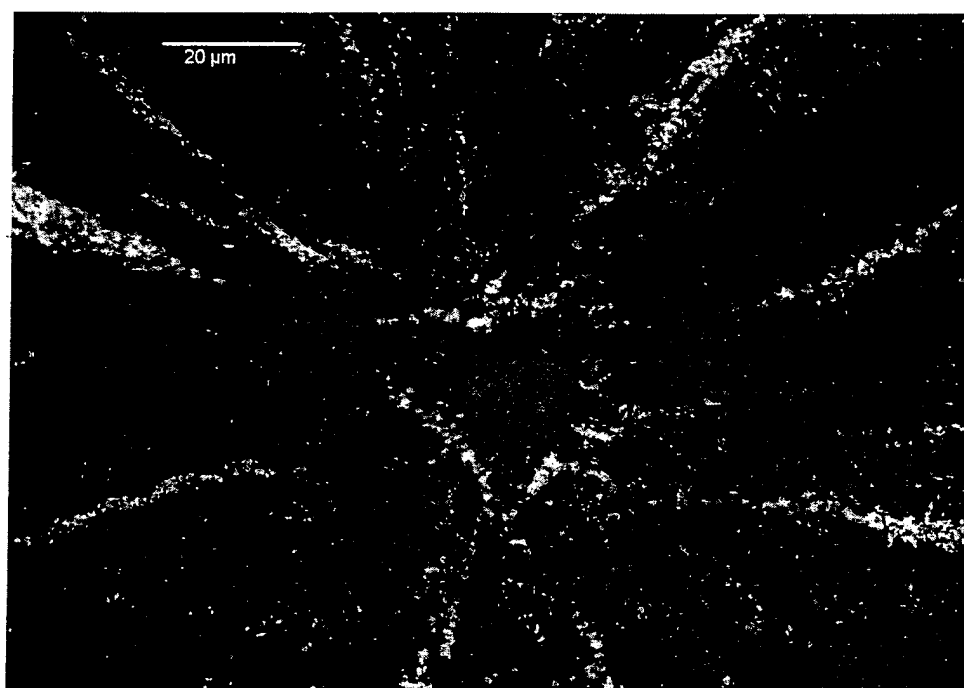


Figure 26

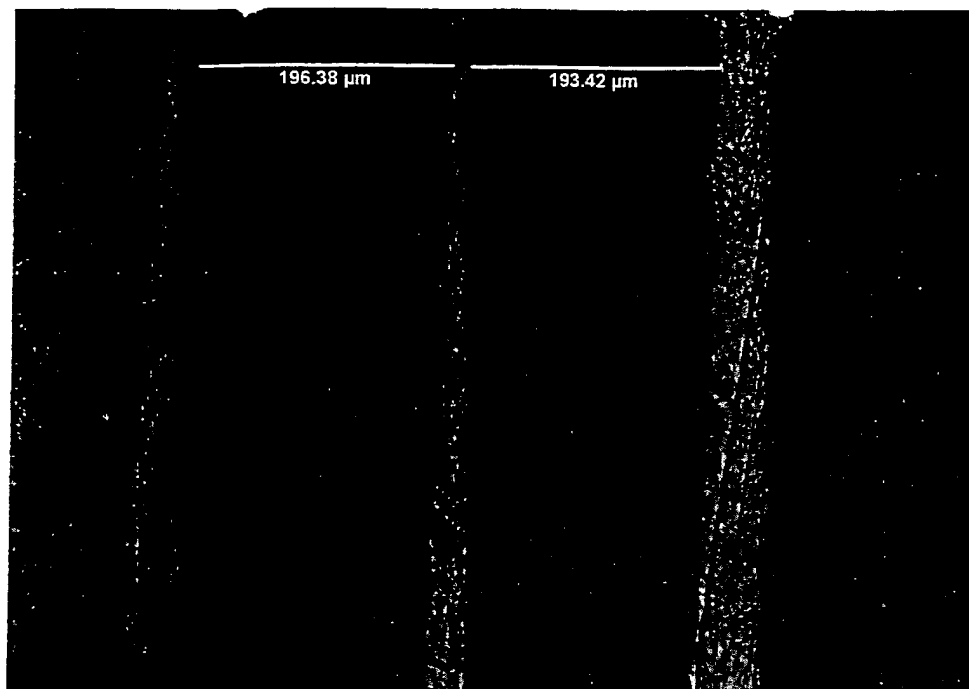
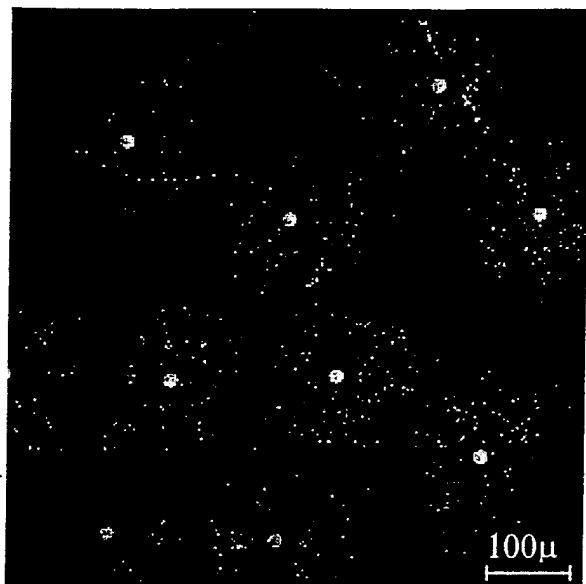
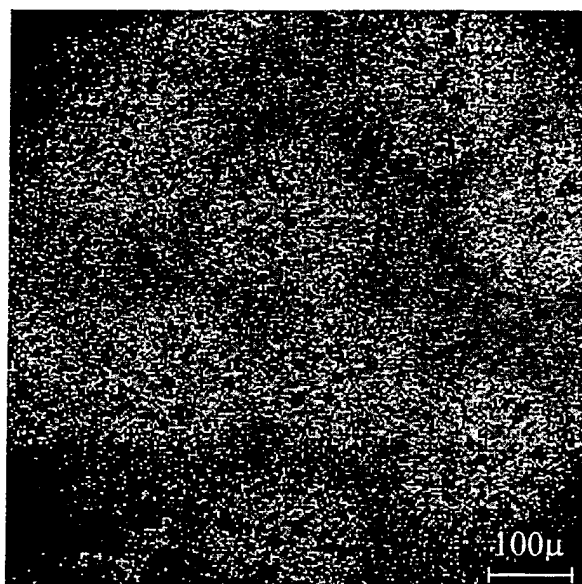


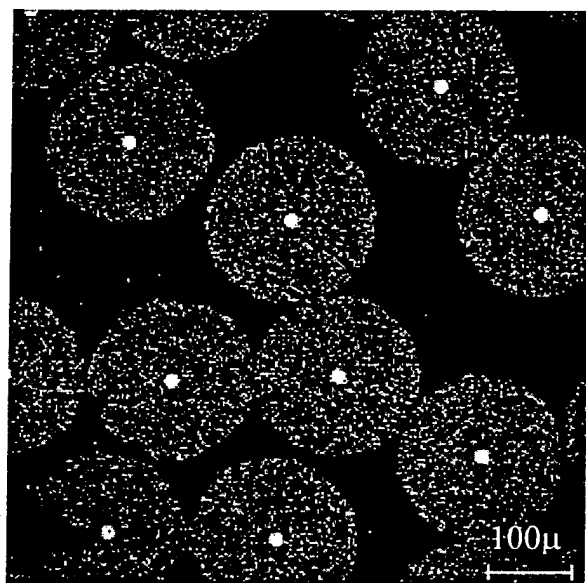
Figure 27



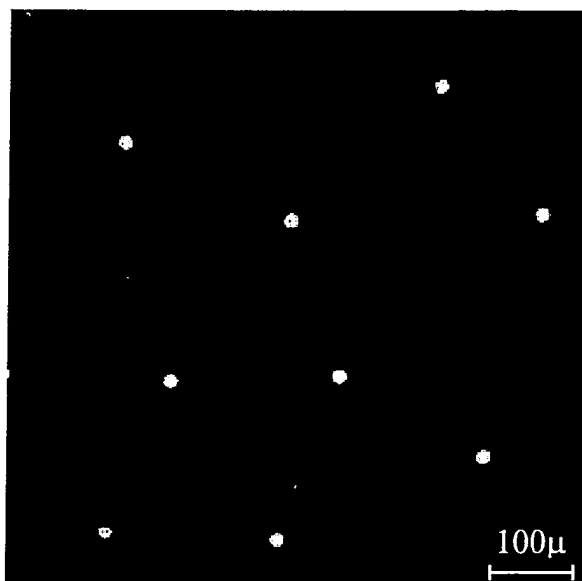
(a)



(b)

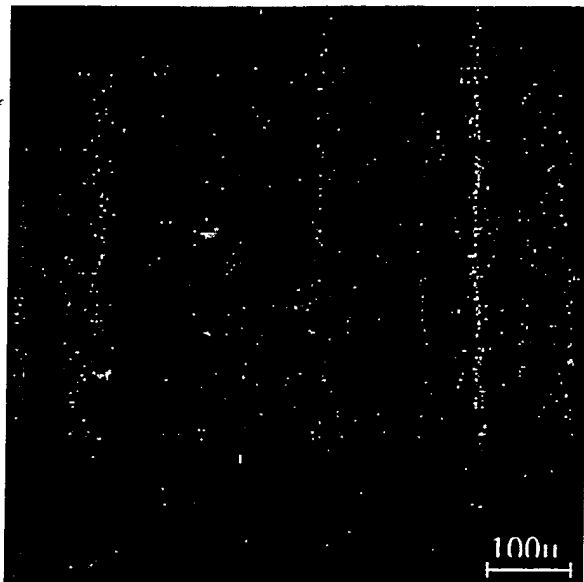


(c)

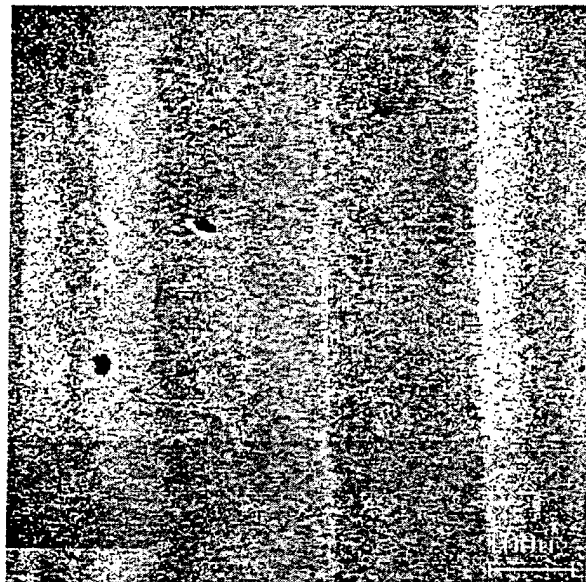


(d)

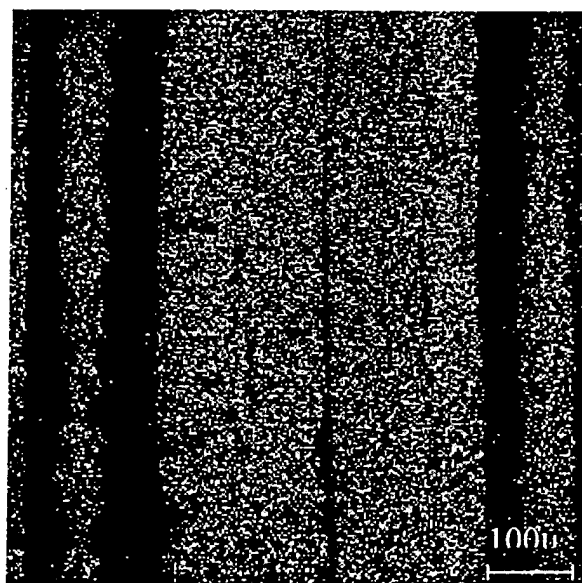
Figure 28



(a)



(b)



(c)

Figure 29



XRD of magnesium infiltrated and in-situ reacted boron fibers (2hrs @ 950°C)

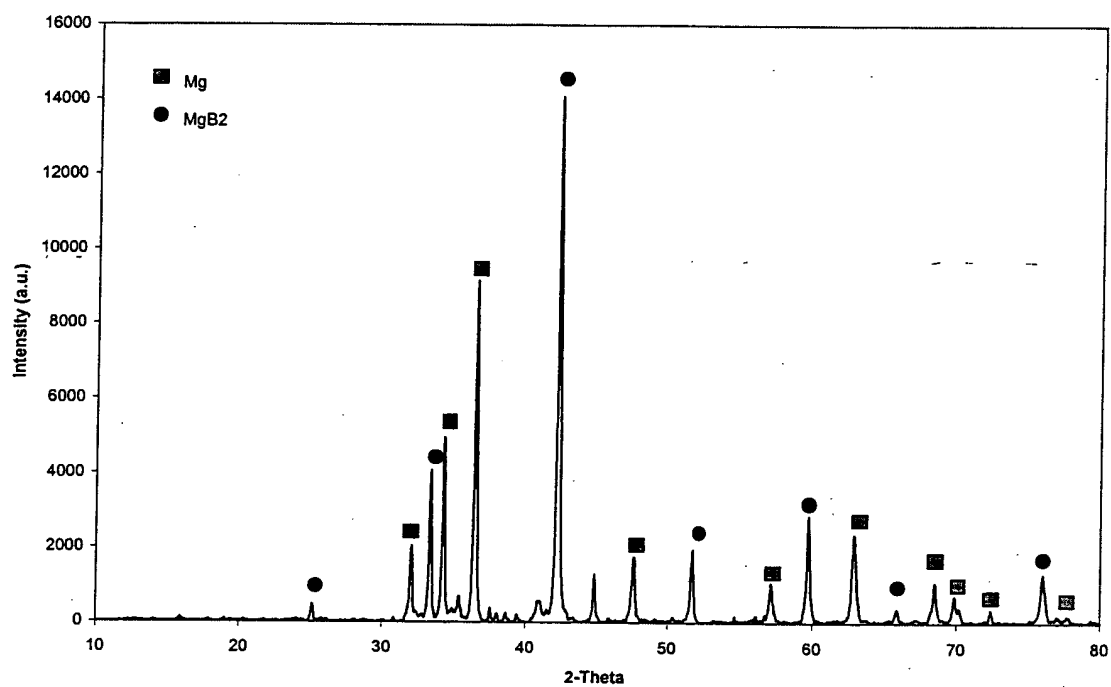


Figure 30